

61st Annual Meeting of the Hugo Obermaier-Society

New Perspectives on Neanderthal Behaviour
23. - 27. April 2019, Erkrath & Mettmann



Hugo Obermaier Society

for Quaternary Research and Archaeology of the Stone Age

c/o Institut für Ur- und Frühgeschichte, Kochstr. 4/18, D-91054 Erlangen



61st Annual Meeting in Erkrath

At the Invitation of the Neanderthal Museum

Conference Venue: Stadthalle Erkrath, Neanderstraße 58, 40699 Erkrath

<https://www.erkrath.de/Kultur-Freizeit/Kultur/Feiern-und-Tagen-in-Erkrath/Stadthalle>

Tuesday, April 23rd, 2019

- 12:00 Opening of the conference office at the Stadthalle Erkrath
14:00 – 14:30 Welcome by our hosts and the president of the Obermaier Society
14:30 – 16:10 Presentations on the Neolithic, Mesolithic and Late Palaeolithic
(Coffee break 16:10 – 16:40)
16:40 – 17:55 Presentations on the Aurignacian
18:00 – 18:25 Presentation of the Hugo Obermaier Research Grant Awardee 2018
18:30 – 20:00 Poster Session on the topics of
- New Perspectives on Neanderthal Behaviour
 - Mesolithic & Late Palaeolithic
 - Site Reports
 - Methodical Advances
- 20:00 Evening Reception at the Neanderthal Museum

Wednesday, April 24th, 2019

- 09:30 – 11:10 Special Session: New Perspectives on Neanderthal Behaviour I
(Coffee break 11:10 – 11:40)
11:40 – 13:20 Special Session: New Perspectives on Neanderthal Behaviour II
(Lunch break 13:20 – 14:50)
14:50 – 16:30 Special Session: New Perspectives on Neanderthal Behaviour III
(Coffee break 16:30 – 17:00)
17:00 – 18:15 Special Session: New Perspectives on Neanderthal Behaviour IV
18:30 Public evening lecture by Yvonne Tafelmaier and Andreas Pastoors
Dem Neandertaler auf der Spur – in German language –
20:00 Conference Dinner at the Restaurant Neandertal N°1
(<https://www.neandertal1.com>)

Thursday, April 25th, 2019

- 09:00 – 10:40 Presentations on Methodical Advances I (Coffee break 10:40 – 11:10)
11:10 – 12:25 Presentations on Methodical Advances II (Lunch break 12:30 – 14:00)
14:00 – 16:30 Presentations on Site Reports (Coffee break 16:30 – 17:00)
17:00 – 18:40 Presentations on Human-Animal Interaction
18:45 Society's Annual General Meeting
20:00 Get-together at the Restaurant Neandertal N°1 (<https://www.neandertal1.com>)

Friday, April 26th, 2019 Excursion A:

- 08:30 – 18:00 Federmesser groups around Mönchengladbach, Rheindahlen,
Am Krecklenberg, Garzweiler-Jackerath

Saturday, April 27th, 2019 Excursion B:

- 08:30 – 17:00 Neanderthal Museum, LVR-LandesMuseum Bonn, Bonn-Oberkassel

Tuesday, April 23rd

12:00 **Opening of the conference office at the Stadthalle Erkrath**

14:00 – 14:30 **Welcome by the Mayor of Erkrath Christoph Schultz, the director of the Neanderthal Museum Dr. Bärbel Auffermann, and the president of the Hugo Obermaier Society Prof. Dr. Thorsten Uthmeier**

Presentations on the Neolithic, Mesolithic and Late Paleolithic

14:30 – 14:55 *Wolfgang Heuschen, Michael Baales & Jörg Orschiedt*
A Pleistocene-Holocene transitional industry from the Blätterhöhle rock shelter (Hagen, Westphalia)

14:55 – 15:20 *Taylor Otto, Jörg Linstädter, Abdesalam Mikdad & Gerd-Christian Weniger*
Hassi Berkane and Late Iberomaurusian Subsistence in Northeast Morocco

15:20 – 15:45 *Julia Kotthaus*
Between the caves and the sea: investigating the British late glacial Palaeolithic

15:45 – 16:10 *Arantzazu Jindriska Pérez Fernández, A. Alday-Ruiz & E. Iriarte-Avilés*
Microstratigraphy in the Pleistocene-Holocene transition sequence in the Upper Ebro Valley, Northern Spain: Reconstructing environments and changes in human Activities and natural, anthropogenic and post-depositional formation processes

- Coffee break -

Presentations on the Aurignacian

16:40 – 17:05 *Olaf Jöris, Tim Matthies & Peter Fischer*
At the northern edge of the habitable world. New results from the Aurignacian open-air site of Breitenbach, Sachsen-Anhalt, Germany

17:05 – 17:30 *Guido Bataille, Michael Bolus & Nicholas J. Conard*
Technological variability in the Aurignacian of Geißenklösterle and Hohle Fels (Southwestern Germany)

17:30 – 17:55 *Isabell Schmidt & Andreas Zimmermann*
Population estimates for the Aurignacian of central and western Europe

Presentation of the Hugo Obermaier Research Grant Awardee 2018

18:00 – 18:25 *Senka Plavšić*
Excavation of Meča Dupka cave site: Study of the late Middle Paleolithic and the emergence of Upper Paleolithic in southeast Serbia, Balkans

Poster Session

18:30 – 20:00 Poster presentations on the topics of

- New Perspectives on Neanderthal Behaviour
- Mesolithic & Late Palaeolithic
- Site Reports
- Methodical Advances

For poster-titles and authors see pages 8 to 9

20:00 **Evening Reception**

Wednesday, April 24th

Special Session: New Perspectives on Neanderthal Behaviour

Part I

- 09:30 – 09:55 *Petr Škrdla, Tereza Rychtaříková, Jaroslav Bartík, Ladislav Nejman & Yu. E. Demidenko*
Between the Middle and the Upper Paleolithic in Moravia: Current state of the art
- 09:55 – 10:20 *Małgorzata Kot*
Truncated-faceted pieces from Beedings (Great Britain)
- 10:20 – 10:45 *Ralf W. Schmitz, Alfred Pawlik, Susanne C. Feine & K. Felix Hillgruber*
New research on Middle Palaeolithic stone tools from the type site of *Homo neanderthalensis*
- 10:45 – 11:10 *Marcel J.L.Th. Niekus, Paul R.B. Kozowyk & Geeske H.J. Langejans*
North Sea treasure trove: The first Dutch Neandertal birch tar

- Coffee break -

Part II

- 11:40 – 12:05 *Davide Delpiano, Marco Peresani & Andrea Zupancich*
Backed tools in the Late Middle Paleolithic: design, manufacture and use of an uncommon artefact in Discoid assemblages
- 12:05 – 12:30 *Manuel Will, Viola C. Schmid, Michael Bolus & Nicholas J. Conard*
New insights on technological behavior of Late Pleistocene Neanderthals from Middle Paleolithic assemblages of Geißenklösterle Cave, Germany
- 12:30 – 12:55 *Lisa Schunk, Ivan Calandra, Walter Gneisinger, Olaf Jöris & João Marreiros*
Functional design of the Late Middle Palaeolithic? Testing Keilmesser in controlled experiments
- 12:55 – 13:20 *Jens Axel Frick*
The spatial and temporal distribution of the tranchet blow phenomenon during the Middle Paleolithic in Western and Central Europe

- Lunch break -

Part III

- 14:50 – 15:15 *Andrea Picin*
Neanderthals settlement dynamics: a diachronic perspective from Central Europe
- 15:15 – 15:40 *Elham Ghasidian*
Southern Caspian Corridor: a biogeographical hominin expansion route
- 15:40 – 16:05 *Kseniya Kolobova, Maciej Krajcarz, Alena Shalagina, Magdalena Krajcarz, Svetlana Shnaider & Andrey Krivoschapkin*
Neanderthal mobility pattern in Altai Mountains
- 16:05 – 16:30 *Alena Shalagina, Kseniya Kolobova & Sergei Markin*
The significance of bifacial technology in the Middle Paleolithic of Altai Mountains

- Coffee break -

Part IV

- 17:00 – 17:25 *Susan G.G. Peeters & Hub A.E. Zwart*
Neanderthals as familiar strangers and the human spark: How the 'golden years' of Neanderthal research reopen the question of human uniqueness
- 17:25 – 17:50 *Lutz Kindler & Olaf Jöris*
A Thought Experiment: Raising a Neanderthal Baby today: A Paleo-ethological Perspective on Neanderthals and Human Behavioural Evolution
- 17:50 – 18:15 *Jordi Serangeli, Bárbara Rodríguez Álvarez, Ivo Verheijen & Nicholas J. Conard*
Gatherers, hunters and more than ten dead elephants in Schöningen

18:30 Public evening lecture

Yvonne Tafelmaier and Andreas Pastoors
Dem Neandertaler auf der Spur (in German language)

- 20:00 **Conference Dinner** at the Restaurant **Neandertal N°1**
(<https://www.neandertal1.com>)

Thursday, April 25th

Presentations on Site Reports I

- 09:00 – 09:25 *Merlin Hattermann*
Losing Everything? A Report on the Felsenhäusl-Kellerhöhle, Altmühl Valley
- 09:25 – 09:50 *Jürgen Richter, Thorsten Uthmeier & Andreas Maier*
A decade of research and excavation at the Magdalénian open-air site at Bad Kösen-Lengefeld
- 09:50 – 10:15 *Armando Falcucci, Nicholas J. Conard, and Marco Peresani*
A re-evaluation of the Protoaurignacian sequence at Fumane Cave in northern Italy
- 10:15 – 10:40 *Wei Chu, João Marreiros, Adrian Doboş, Alexandru Ciornei, Jacopo Gennai, Thomas Albert, Florian Peudon & Jürgen Richter*
New excavations and functional analyses of the early Upper Paleolithic assemblage from Româneşti-Dumbrăviţa, Romania

- Coffee break -

- 11:10 – 11:35 *Jonathan Schoenenberg*
Intra Ansab 1, preliminary results of the Find Distribution of an early Ahmarian site in the southern Levant
- 11:35 – 12:00 *Nicholas Conard, Gregor Bader, Viola Schmid, Chantal Tribolo & Manuel Will*
New results from Middle Stone Age of Kwa-Zulu Natal, South Africa
- 12:00 – 12:25 *Thorsten Uthmeier, Avi Gopher & Ran Barkai*
The bifacial tools of the Acheulo-Yabrudian Cultural Complex from Qesem Cave, Israel: a techno-functional analysis

- Lunch break -

Presentations on Methodical Advances

- 14:00 – 14:25 *Ivan Calandra, Walter Gneisinger, Antonella Pederagnana, Lisa Schunk, Eduardo Paixao & João Marreiros*
The TraCER laboratory: developing experimental programs combining material properties, variable control and use-wear quantification
- 14:25 – 14:50 *A. Malago, Y.-M. Hou & O. Jöris*
Hardness and Knappability – What do quantitative raw material properties tell us about hominid behavior
- 14:50 – 15:15 *Alejandro Prieto, Maite García-Rojas, Iñaki Yusta, Alvaro Arrizabalaga & Javier Baena*
Procurement and Management of raw material in El Arteu and El Habario: Geo-Archaeological characterization of quartzite in the Cantabrian region (NW Spain)
- 15:15 – 15:40 *Martin Moník, Zdeňka Nerudová & Petr Schnabel*
Searching for chert heat-treatment in Moravian Magdalenian
- 15:40 – 16:05 *Nadine Huber & Harald Floss*
The portable art of Solutré (Burgundy, France). Reflectance transformation imaging, a portable and low-cost solution to the imaging of Paleolithic art objects
- 16:05 – 16:30 *Hannah Parow-Souchon*
Unriddling variability – testing hypotheses on assemblage variability

- *Coffee break* -

Presentations on Human-Animal Interaction

- 17:00 – 17:25 *Susanne C. Münzel, Thomas Hess, Angel Blanco-Lapaz & Nicholas J. Conard*
Faunal remains of Helga Abri, a Late Magdalenian/Early Mesolithic rockshelter in the Ach Valley near Schelklingen (Swabian Jura)
- 17:25 – 17:50 *Chris Baumann, Britt M. Starkovich, Dorothée G. Drucker, Susanne C. Münzel, Nicholas J. Conard & Hervé Bocherens*
Isotopic and ecological niches of commensal and domestic Magdalenian canids
- 17:50 – 18:15 *Elaine Turner, Louise Humphrey, Abdeljalil Bouzouggar & Nick Barton*
Subsistence strategies during the Middle Stone Age: evidence from the Grotte des Pigeons, Taforalt, Morocco
- 18:15 – 18:40 *Shumon T. Hussain*
After the 'animal turn' – re-configuring the study of human-animal relations in Palaeolithic archaeology
- 18:45 **Society's annual general assembly**
- 20:00 **Get-together** at the Restaurant **Neandertal N°1**
(<https://www.neandertal1.com>)

Poster presentation

Special Session: New Perspectives on Neanderthal Behaviour

Amal Al Kassem

The close technological correlation between an obliqueness of two preceding predetermined convergent removals of Levallois point production and the typical Levallois point

Thomas Albert

Leafing the Middle Palaeolithic

Simon Fröhle, Yvonne Tafelmaier, Stefan Wettengl, Alwin Schwarzkopf & Harald Floss

Mundelsheim – Revisiting a Middle Palaeolithic site with leaf point in the Middle Neckar Region, Southwestern Germany

Petr Neruda, Lenka Lisá, Zdeňka Nerudová & Aleš Bajer

Identification of the MIS 4 in the Kůlna Cave (Czech Republic) and its Implication for Chronostratigraphic Model of the Cave

Trine Kellberg Nielsen

Coast versus interior: the role of seasonal mobility on late Pleistocene Iberian Neanderthals

Dirk Leder, Thomas Terberger & Georg Kaufmann

Neanderthals in the northern German uplands – Geo-archaeological research at Einhornhöhle (Unicorn Cave)

Marine Massoulié & Éva David

An unordinary retoucher from the Mousterian of Vergisson IV (Saône-et-Loire, France)

Morgan Roussel

Significance of new evidences for Châtelperronian bladelet production from Les Cottés (Vienne, France)

Florent Rivals, Jürgen Richter & Thorsten Uthmeier

Seasonality and duration of occupations of the Neanderthal settlements at Sesselfelsgrötte

Mesolithic and Late Paleolithic

Julia Blumenröther

Searching for new Mesolithic sites in the Austrian Danube corridor

Sarah Haupt, Almut Mrotzek, Martin Theuerkauf & Marcel Bradtmöller

In search for the impact of Palaeolithic and Mesolithic societies – Palynological and Archaeological research in Mecklenburg-Vorpommern

Werner Schön, Jehanne Affolter, Armin Guggenmos, Giuseppe Gulisano & Elena Maier

Stone Age sites in the Alps of western Bavaria

Tadeusz Wiśniewski

Late Palaeolithic settlement in the Lublin Upland (eastern Poland) - new data

Site Reports

Marcel Bradtmöller, Aitor Calvo, Christoph Schmidt & Marcel El-Kassem

The open-air site of Feldberg “Steinacker” (Müllheim, Baden-Württemberg). Preliminary results of the 2018 excavation campaign

Jacopo Gennai & Jürgen Richter

When size matters: qualitative and quantitative data on bladelet-making at the Early Ahmari site of Al-Ansab 1 (Jordan)

Firas Jabbour, Boris Gasparyan & Andrew W. Kandel

Typological and technological methods in stone artifacts from Aghitu-3 Cave, Armenia

Anna Krahl

The Late Palaeolithic site Andernach Roonstraße. A spatial and chronological analysis

Mario Mata-González, Britt M. Starkovich, Mohsen Zeidi & Nicolas J. Conard

The Early Upper Paleolithic faunal assemblage of Ghar-e Boof (Southern Zagros Mountains, Iran)

Elina Nordwald

The Paleolithic open air site „La S n triere” near M acon (Sa ne-et-Loire, France)

Ivan Ram rez-Pedraza, Paula Mateo, Ruth Blasco, Florent Rivals & Jordi Rosell

Old collections, new challenges: Contextualizing old archaeological materials from the Toll Cave (Mo a, Barcelona)

Christian Schepers

By the Rivers of Bilate – Twisted Bifaces from Ethiopia

Ralf Vogelsang

When Hominins Conquered Highlands— an Acheulean Site at 3000 m a.s.l. on Mount Dendi/Ethiopia

Christina-Maria Wiesner

Points for the Gravettian – New observations on an old collection from Abri Blanchard, Dordogne

Methodical Advances

Gianpiero Di Maida, Jan Sabri Cetinkaya, Thorsten Uthmeier, Andreas Pastoors & B rbel Auffermann
The DISAPALE project: 3D and lithic types of European Paleolithic

K. Kindermann, F. Henselowsky, N. Klasen, R. Eichst dter, A. Schr der-Rotzau & P. Van Peer
Out of Africa – Reconstructing a Late Pleistocene living environment in the Eastern Desert of Egypt

Karin Kulhanek

The use of space in Ekain and Altxerri. Spatial analysis of two caves with Franco-Cantabrian art

Jo o Marreiros, Walter Gneisinger, Ivan Calandra, Antonella Pedergnana, Eduardo Paixao & Lisa Schunk
Looking for better answers by using improved methods? Rethinking traceological experiments, and the importance of standardization, protocols, sample preparation and mechanical apparatus

Taylor Otto, J rg Linst dter & Gerd-Christian Weniger

Land Use in the Middle Palaeolithic of the Eastern Rif, Morocco – Sites, Settlement Pattern and Mobility

Alejandro Prieto, Andreas Pastoors, Erich Cla sen & I naki Yusta

The workshop as a starting point: Geo-archaeological characterization of quartzites in the Middle Paleolithic site of Ravensberg-Troisdorf, Germany

Anna-Maria R sch

Refitting colouring materials. An investigation of the archaeological remains of St. Martin-sous-Montaigu (Bourgogne-Franche-Comt )

Daniel Schyle

Evaluation of Palaeolithic sites in the Rhineland

Ulrich Simon & Michael Brandl

Engraved cortices from the Gravettian site of Krems-Wachtberg, Austria

Taisiya Soldatova

Creating a GIS: "Bone Industries of the Early Upper Paleolithic"

Mareike C. Stahlschmidt, Susann Heinrich, Will Archer, Patrick Schmidt & Marcel Wei 

Non-destructive Infrared Analyses of Baltic Flint to Explore Fire Use at Paleolithic sites